

FIGURE 1

SIDE VIEW OF WIDE SHOE PRESS

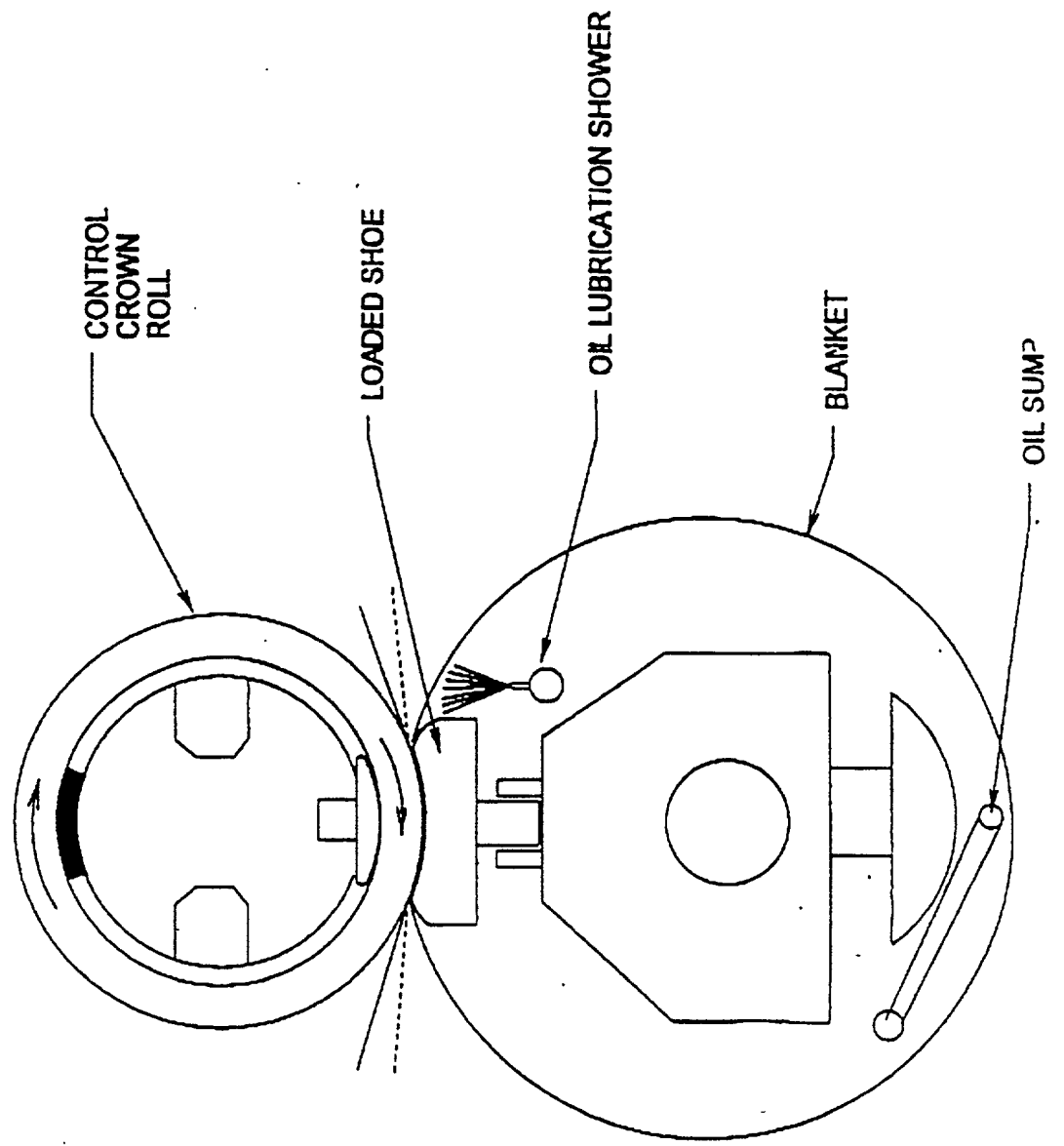




FIGURE 3

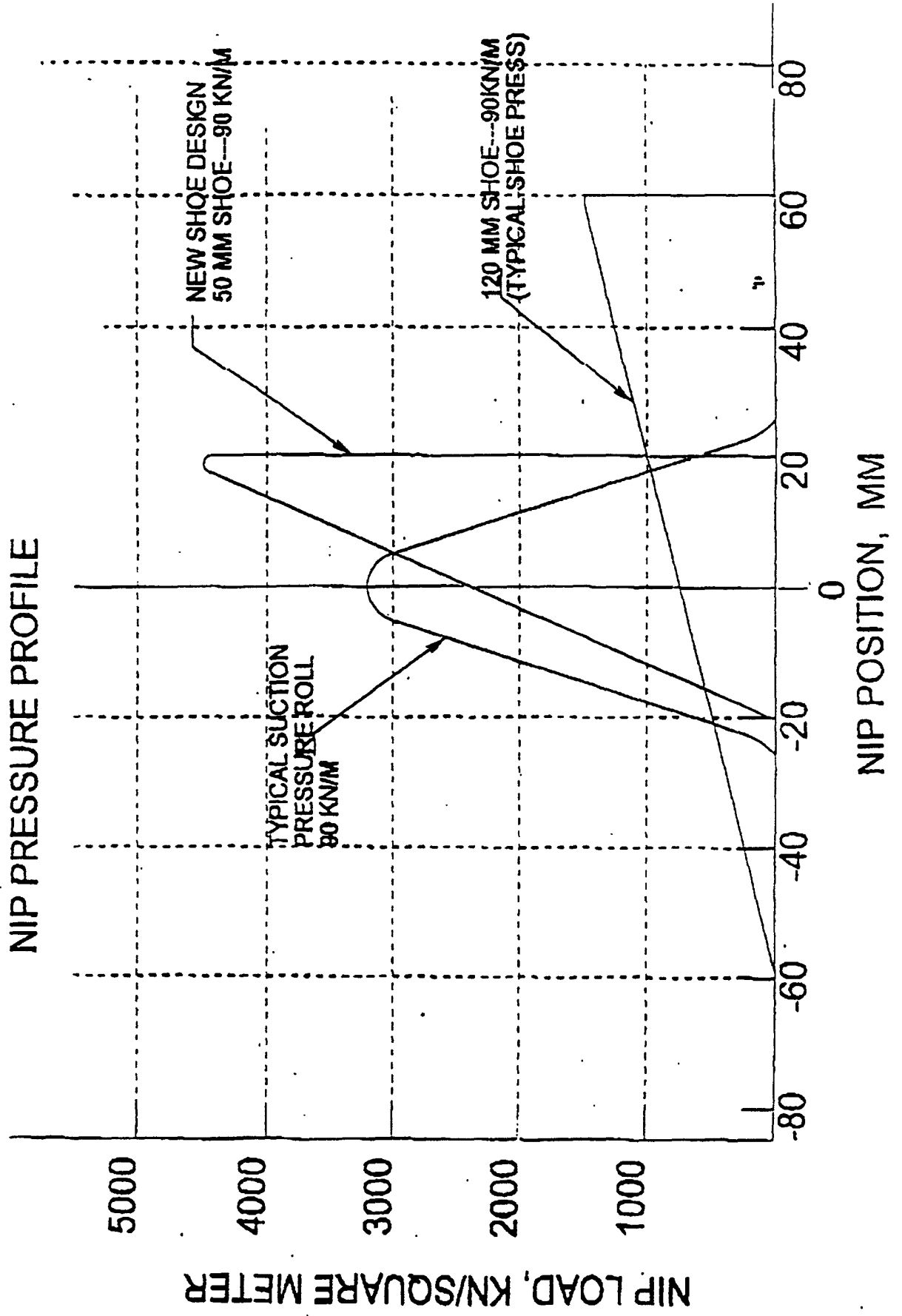
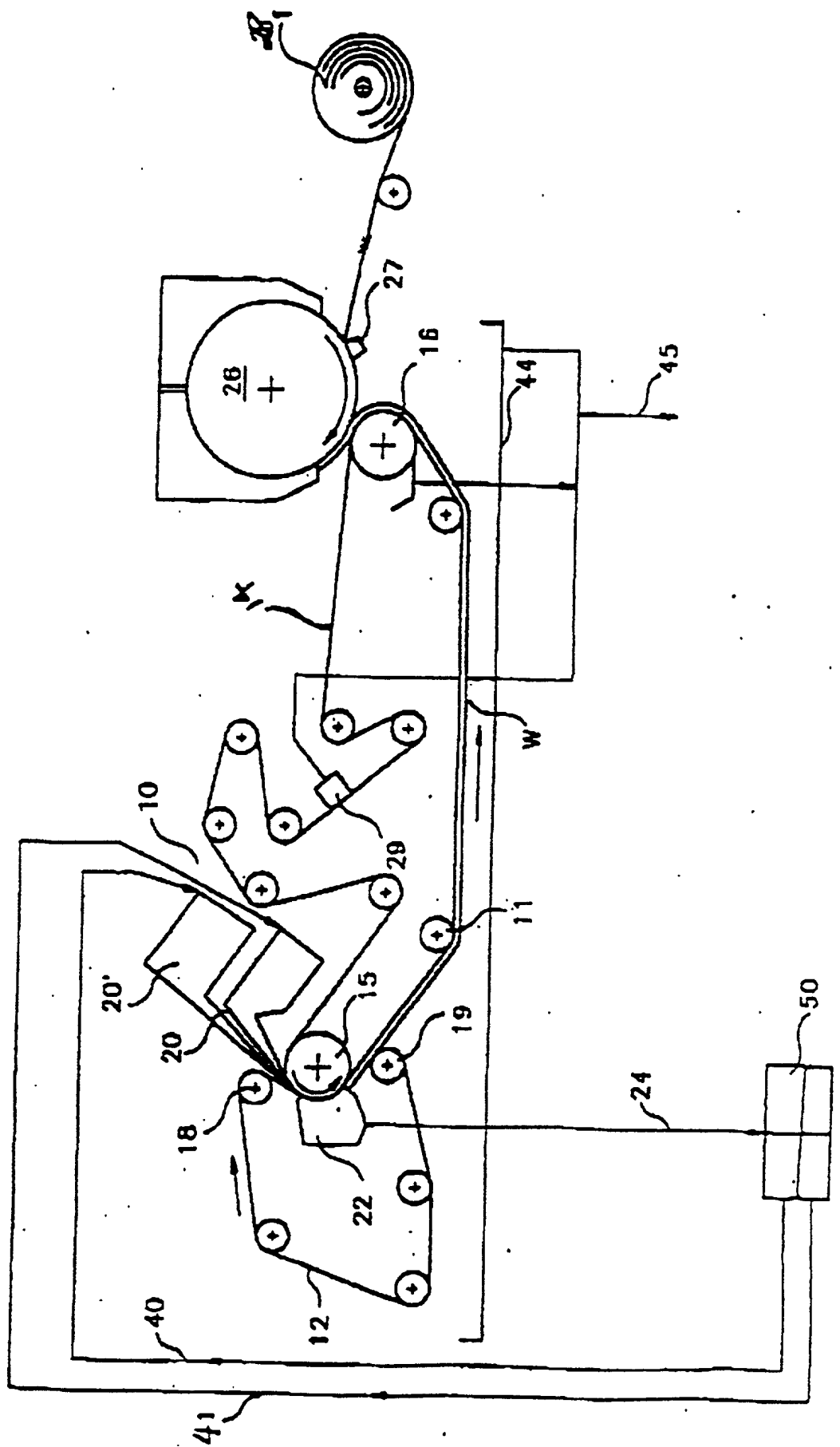


FIG. 4 — CONVENTIONAL WET PRESS PROCESS LAYOUT



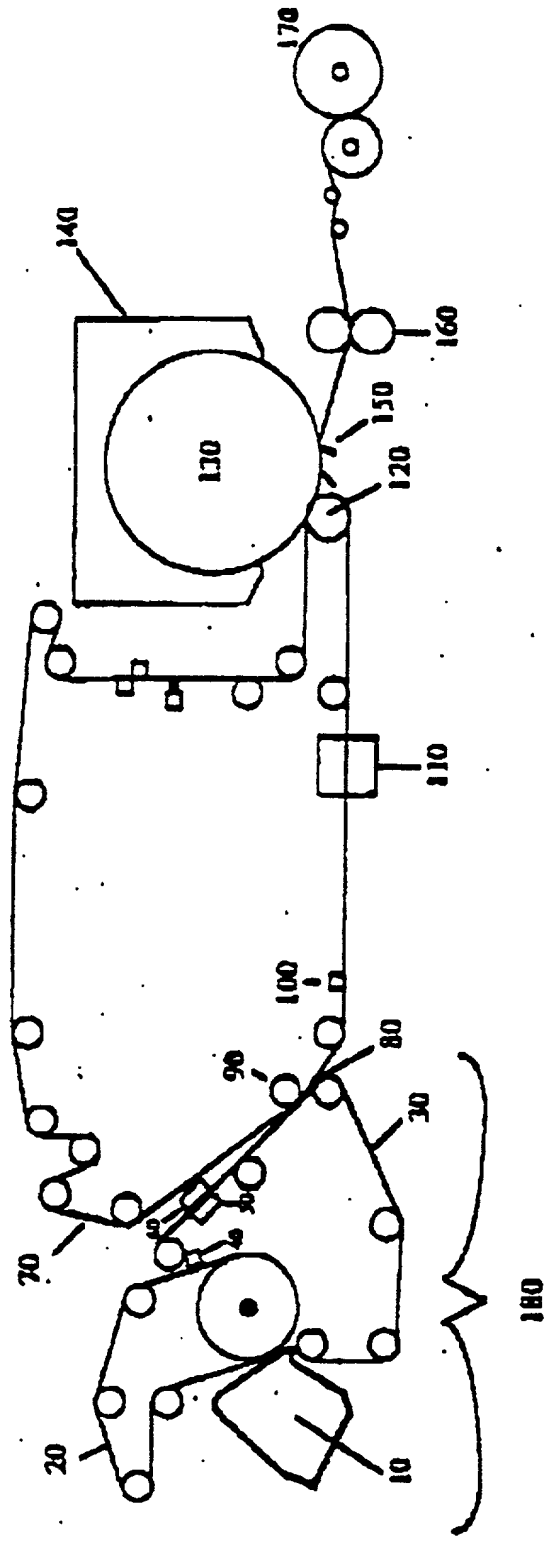


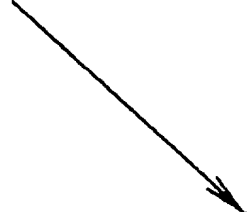
FIG. 5 --- CONVENTIONAL THROUGH-AIR-DRYING PROCESS LAYOUT

FIGURE 6

FIGURE 6

TYPICAL PRESSURE ROLL CURVE

SYMMETRICAL CURVE



PRESSURE

NIP COORDINATE

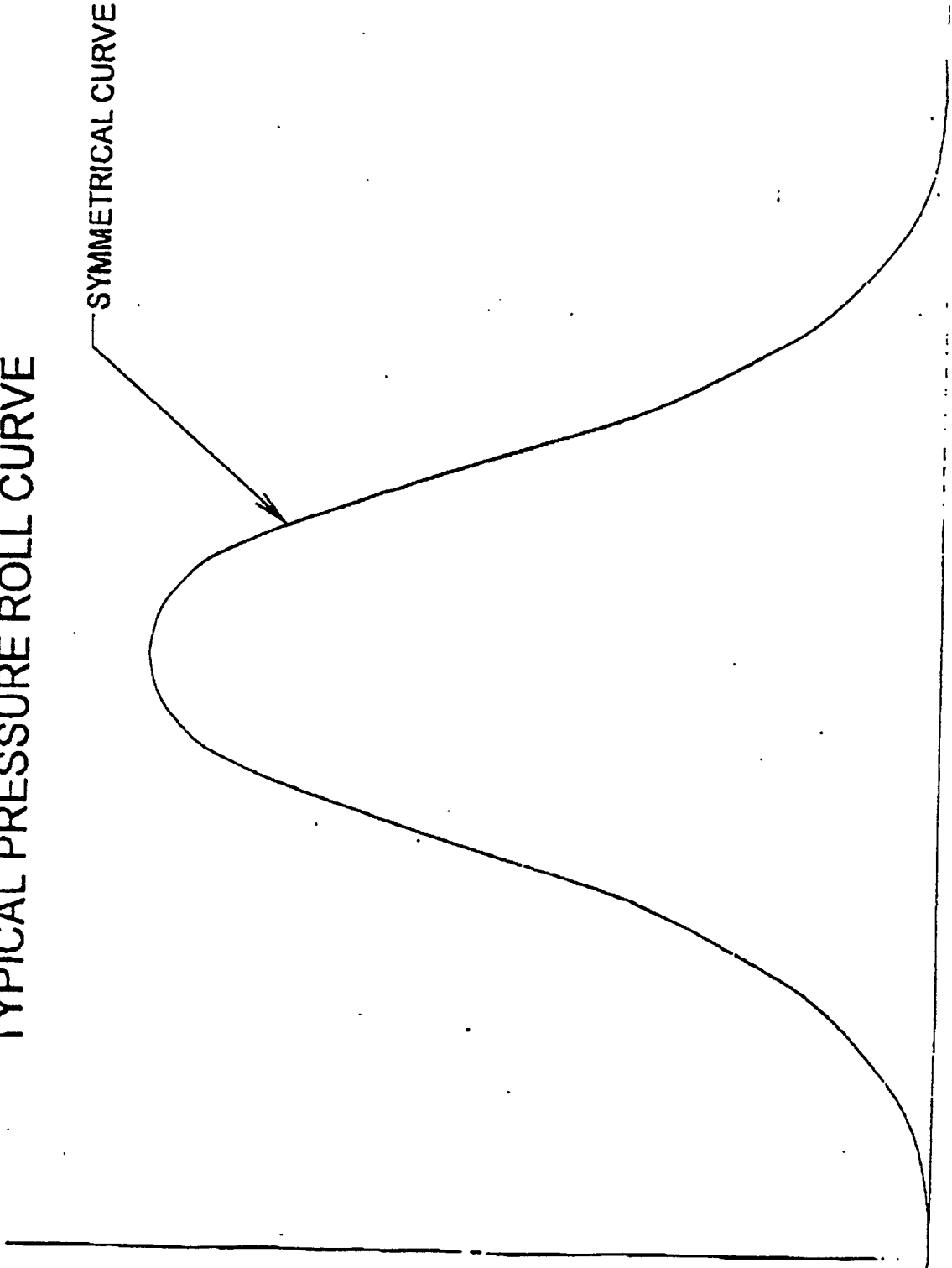


FIGURE 7

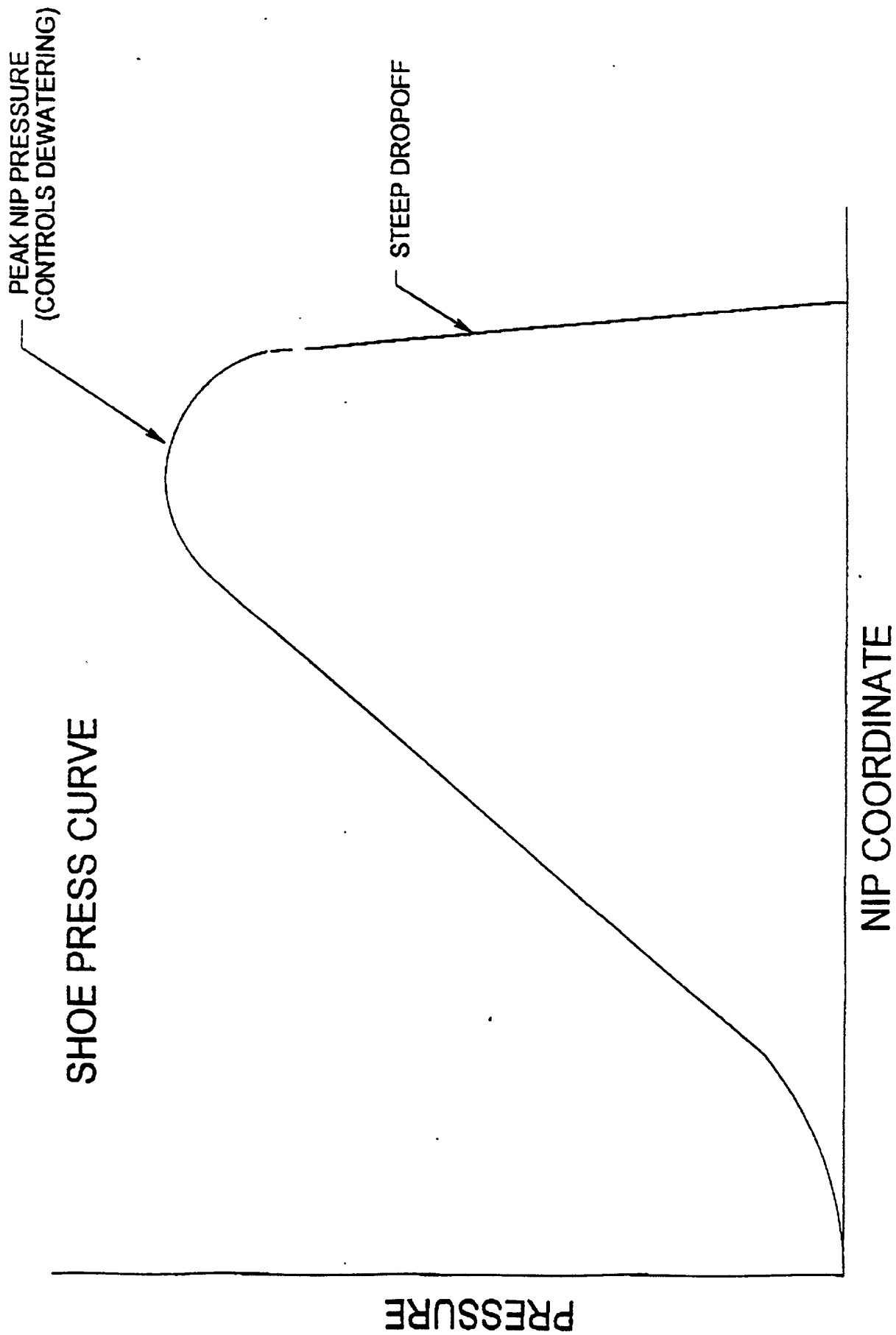


FIGURE 8

# AN OPTIMIZED SHOE PRESS CURVE

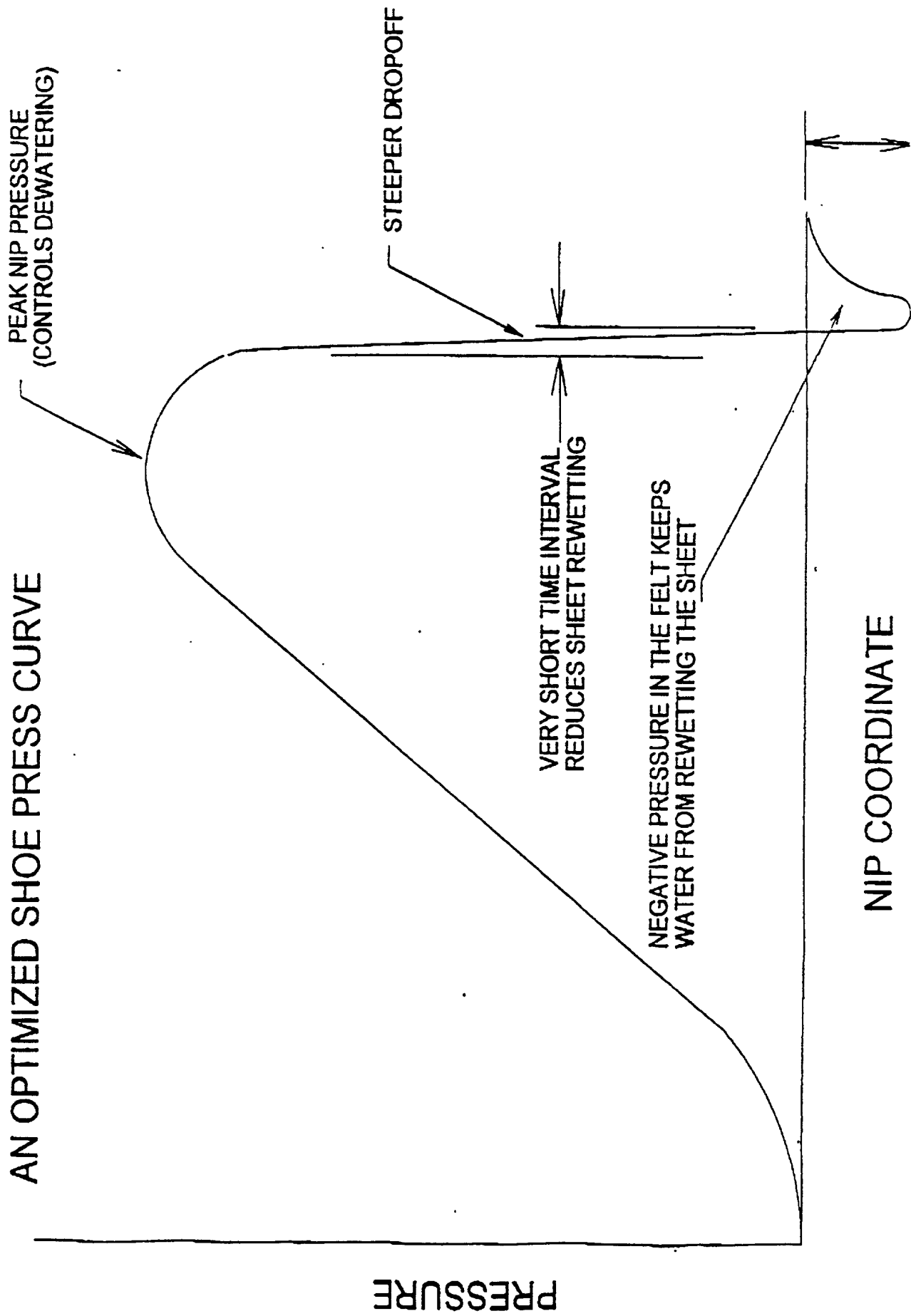




FIGURE 9

SHOE PRESS WITH LARGE DIAMETER TRANSFER CYLINDER AND WITH FELT PARTIALLY WRAPING CYLINDER

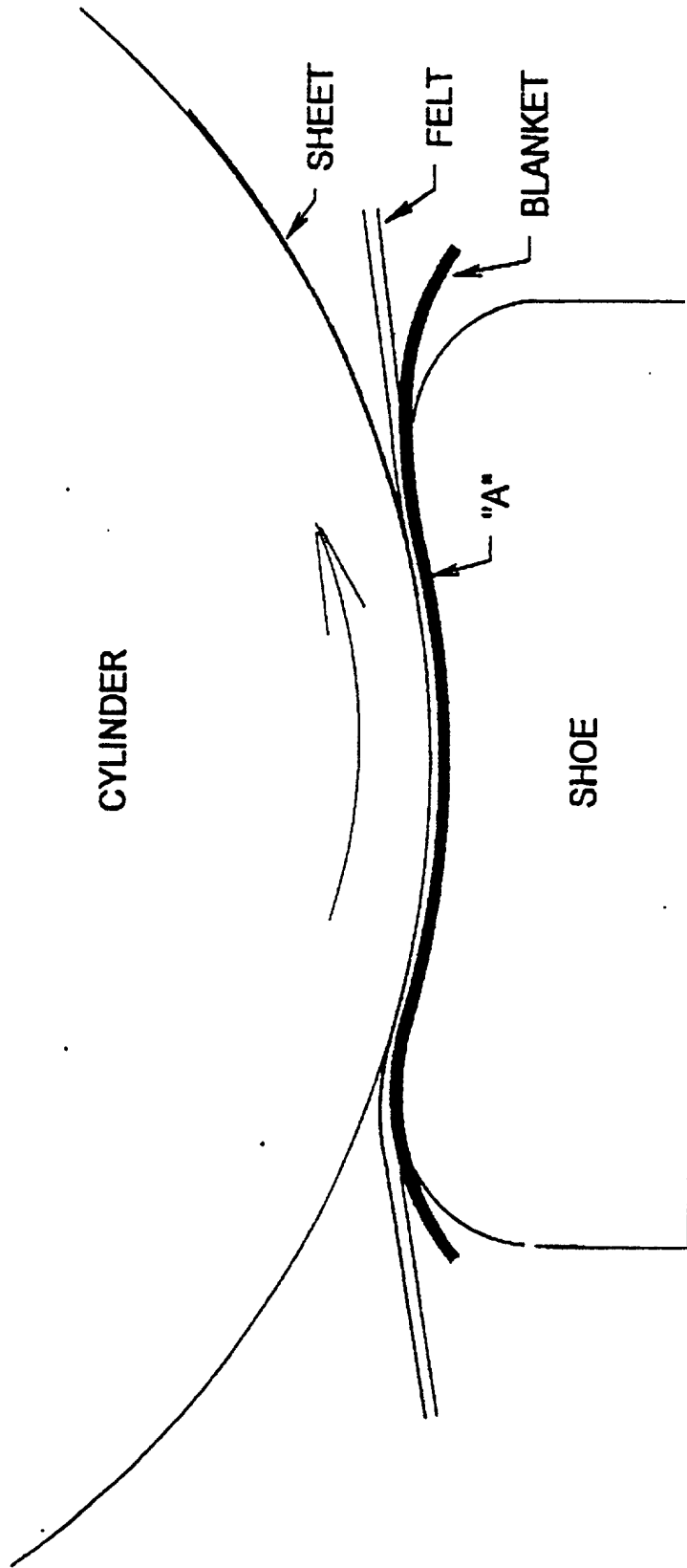


FIGURE 10

SHOE PRESS TAPERED ON THE EXIT SIDE SO THAT  
BLANKET/FELT CAN BE RAPIDLY REMOVED FROM THE SHEET

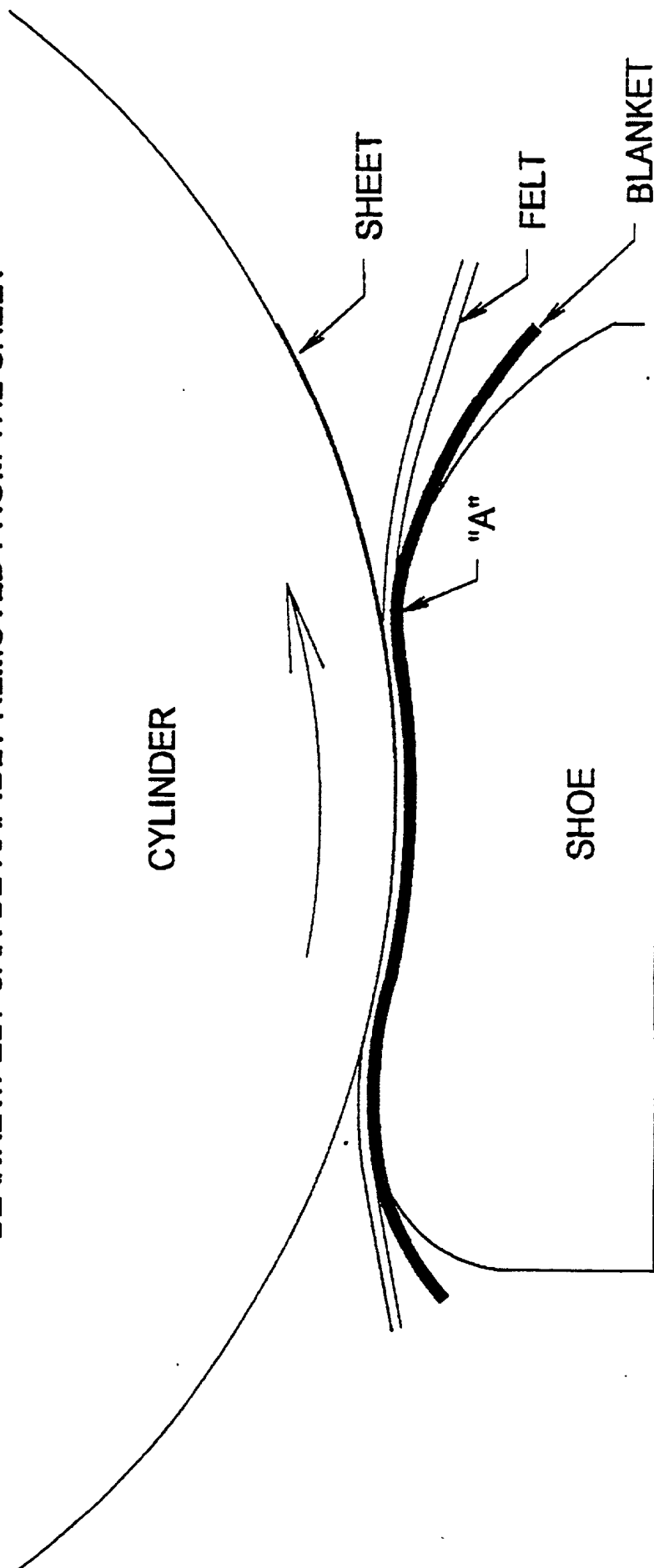


FIGURE 11

SHOE PRESS TAPERED ON THE EXIT SIDE SO THAT FELT CAN BE RAPIDLY REMOVED FROM THE SHEET WHILE THE BLANKET IS SIMULTANEOUSLY RAPIDLY REMOVED FROM THE FELT

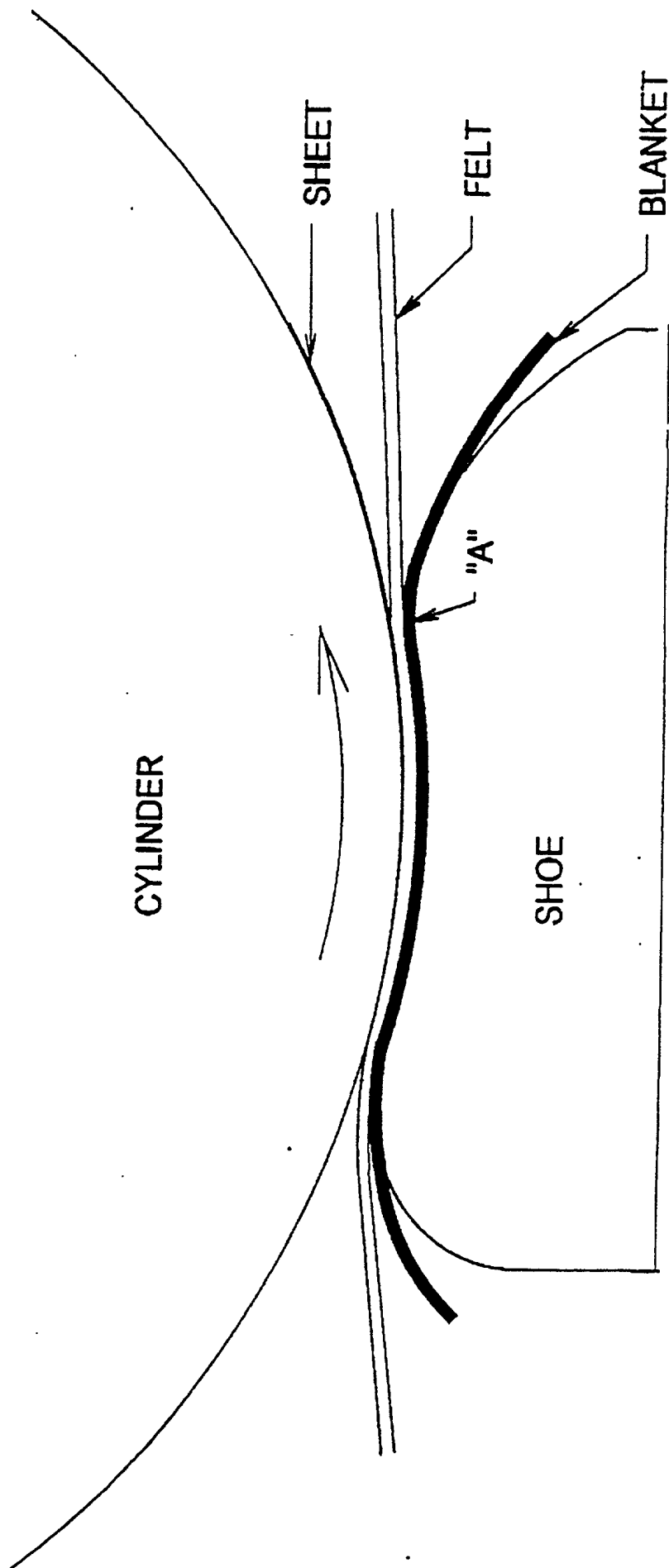
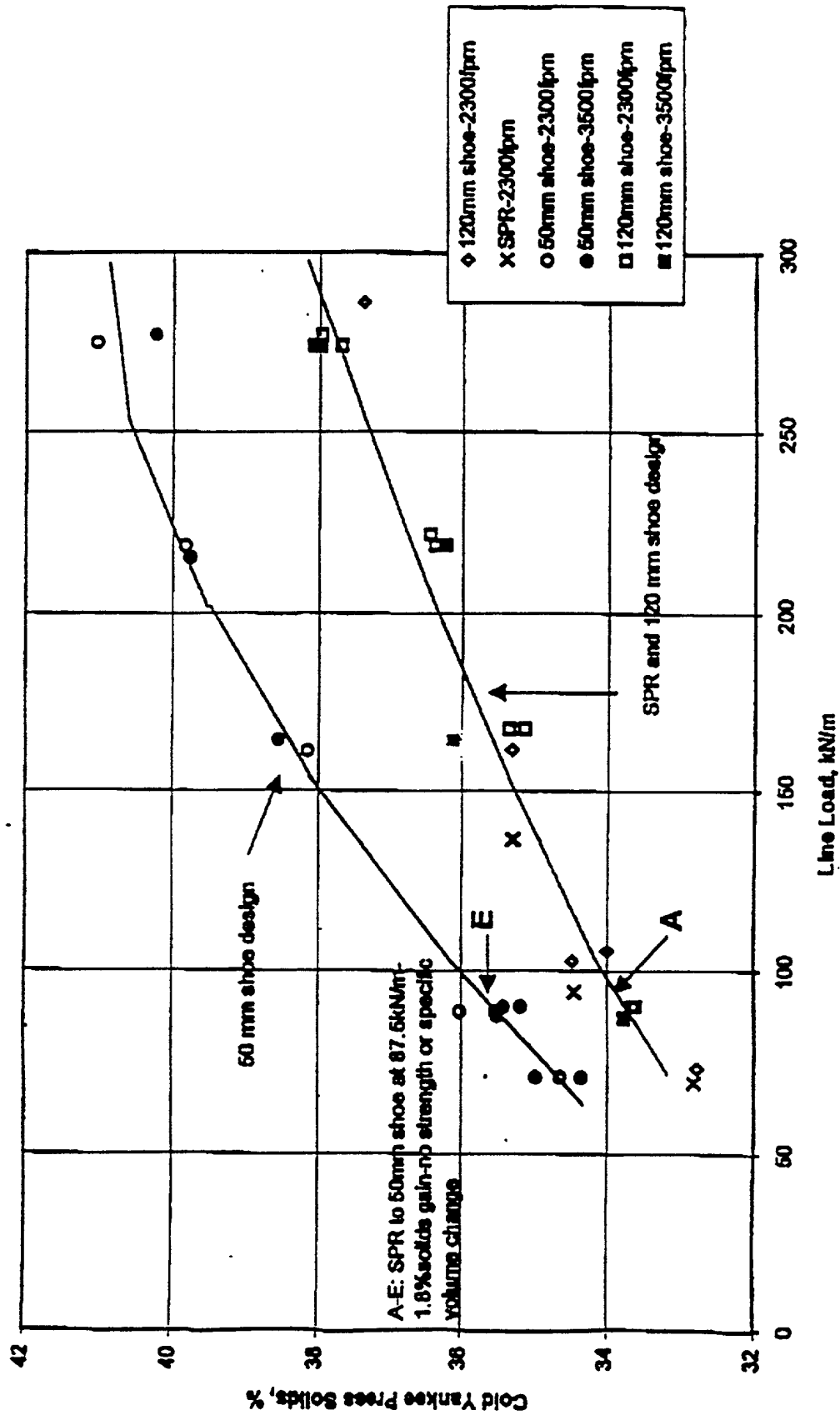


Figure 12: Relationship Between Cold Yankee Press Solids and Line Load



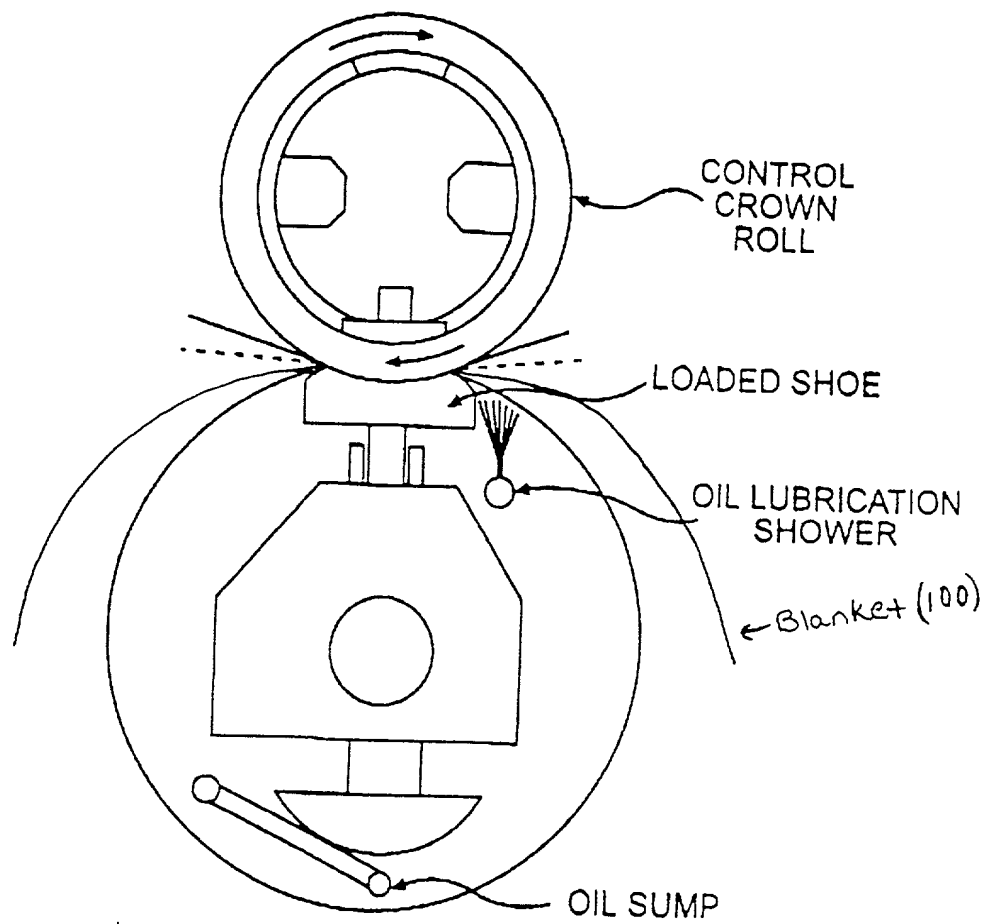


FIG. 13

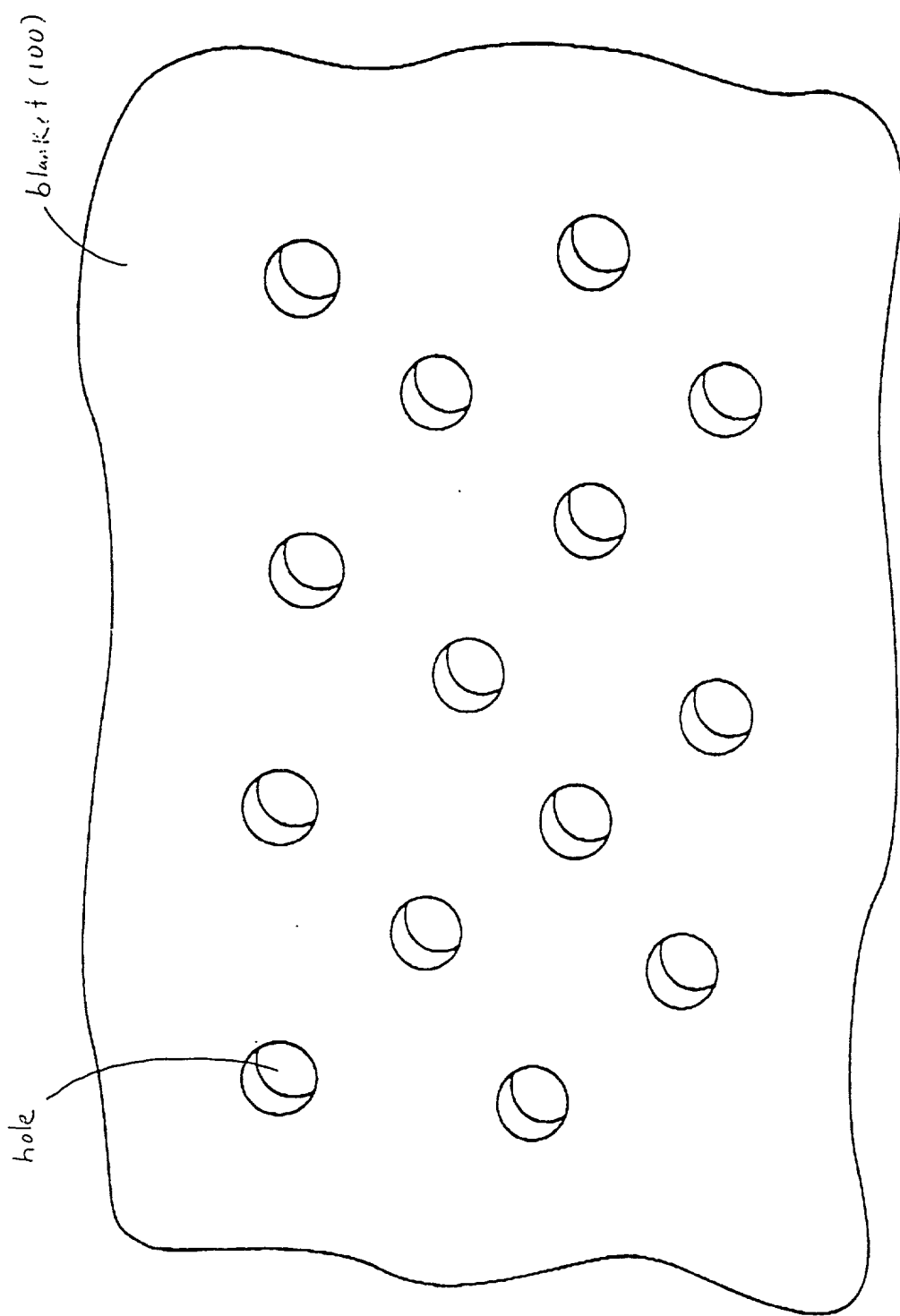


FIG. 14

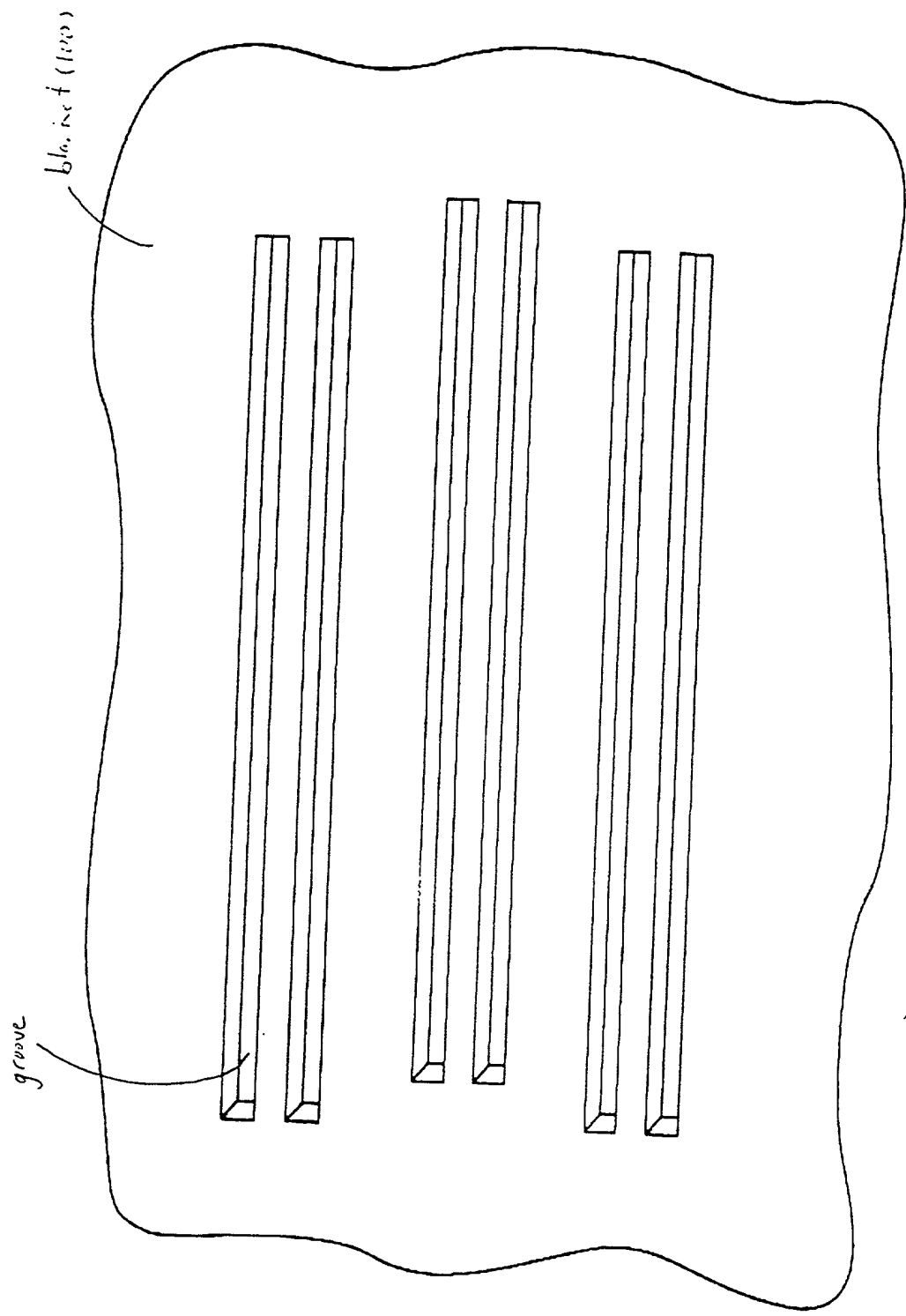


FIG. 15